



Case Study

CHIPPEWA VALLEY TECHNICAL COLLEGE REDUCES ENERGY COSTS 29% WITH VERDIEM

Company

Chippewa Valley
Technical College

Industry

Higher Education

IgniteTech Product

Verdiem

Customer Website

cvtc.edu

Chippewa Valley Technical College (CVTC) is part of the Wisconsin Technical College System and serves an 11 county area. The main campus is located in Eau Claire, with regional campuses in Chippewa Falls, Menomonie, Neillsville and River Falls. CVTC has approximately 22,000 students enrolled, comprised of traditional and non-traditional students and approximately 1,300 staff.

CVTC delivers innovative and applied education that supports the workforce needs of the region, improves the lives of students and adds value to the communities they serve. CVTC offers associate degrees and technical diploma programs, as well as professional certifications and adult continuing education programs. In an average year, total student enrollment in degree programs is roughly 6,000 and 15,000 in continuing education courses.

IDENTIFYING THE NEED

The IT team is centralized in Eau Claire and remote campuses are networked. Approximately two-thirds of the college's machines are lab computers. It was important for the team to be able to maintain the college's remote computers as efficiently as possible. The team needed to wake computers from sleep or powered off states for nightly maintenance windows. They were also looking to administer varying power settings for a wide range of computer setups, such as labs, kiosks, digital signage and time-clocks.

REALIZING THE BENEFITS

IgniteTech's Verdiem was selected and installed on 2,348 machines. Having Surveyor as a centralized resource allows the CVTC IT team to wake machines regardless of what time it is and where they are. Security patches are installed overnight, and maintenance is performed with no impact to students or faculty.



As a technical college, there are a wide range of programs needed to serve the student body. The CVTC IT team manages over 300 software applications. During the summer months, the IT team takes software requests from instructors for the upcoming school year, and then packages and deploys the applications to the necessary labs without having to touch each computer. "Being able to wake a machine and deploy new versions outside of class hours is very beneficial," said Geoff Koontz, Windows System Administrator.

By leveraging the integration with SCCM that monitors for software deployments, only the necessary computers are targeted for wake instead of the entire fleet. This targeted approach saves money and energy. CVTC saves approximately 158,000 kWh annually, reducing energy costs 29% and reducing greenhouse gas emissions by 87,000 lbs per year.

Another area where Verdiem has impacted CVTC is with its kiosks and digital signage around the campuses. These monitors display upcoming events, important deadlines and employee of the month spotlights. Signage is also used in the culinary school and cosmetology salon to advertise menus and special offers. It is crucial that the computers attached to these monitors not go into sleep mode during the day.

Verdiem has made handling the various needs of these systems easy. The application's core components of power management and enterprise wake are adaptable to customer's unique use cases, which generate significant efficiency gains. Verdiem allows the CVTC IT team to create custom power policies and administer those policies from a centralized console. The necessary policies are built and applied seamlessly to the respective machines.

"Verdiem has been very helpful with the unique computer setups we have across our campuses. The ability to click and apply a power policy to any machine from a single console is ideal for our diverse environment," Koontz said.

LEARN MORE

To learn more about how IgniteTech's Verdiem solution remotely wakes computers so your teams can deploy necessary security updates, visit ignitetech.com/verdiem.



With IgniteTech's Verdiem, only the necessary computers are targeted for wake instead of CVTC's entire fleet. This targeted approach saves money and energy. CVTC saves approximately 158,000 kWh annually, reducing energy costs 29% and reducing greenhouse gas emissions by 87,000 lbs per year.